

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Norwalk Substation

Date: October 4, 2006

Inspector: Lee Curtis, Susan Infalt, BSC Group

Location: Norwalk Substation Expansion

Storm/

Rain Event: According to accuweather.com, 0.45" of rain were recorded on 10/1 and 0.25" were recorded on 10/4 (Data from NOAA is still incomplete).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	- The catch basin near the Route 7 ramp receives a lot of off-site stormwater-sedimentation of roadway sand is occurring here. 12/22-10/04/06.	-The area should no longer be affected by any onsite sediment. The silt fence could be removed. 12/1-10/04/06.	-N/A.
Foundation construction	-No construction activity was noted in the substation. 10/04/06.	- None at this time. Little to no soil disturbing work is occurring. 5/17-10/04/06.	-N/A
Erosion and Sediment Controls	- Erosion does not appear to be increasing on the slope of the river near the structure. 6/28-10/04/06 - The stone at the inlet on site does appear to help filter run-off prior to entering the Norwalk River. 9/13-10/04/06	- Continue to monitor and attempt to make the area more natural/ vegetated if feasible. 5/25-10/04/06. - Continue to monitor and install more stone to reduce turbidity to the river if needed. 9/13-10/04/06	-N/A -N/A at this time
Inland Wetland and Watercourse encroachment and mitigation	- The original overflow channel is fully vegetated. 10/04/06. - Repaired stone fill at the turning structure appears to be piled noticeably higher than adjacent	- None at this time. 10/04/06. - Ensure that appropriate grades are met. 10/04/06.	-N/A - Needs evaluation

Areas of Inspection	Observation	Recommended Action	Corrected Action
	grades. 9/13-10/04/06		
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The riverbank to the north of site in the ROW was restored by overhead crews. Soil is stony and may not revegetate easily. 9/29-10/04/06. Storm water runoff from the paved bike path was washing out the seed and mulch from portions of the restored area. 10/04/06.</p> <p>- Some restoration was noted within the grassed area at the GIS building. 9/29-10/04/06.</p>	<p>- Continue to monitor and consider adding loam if feasible to promote vegetation. 9/29-10/04/06.</p> <p>-This was likely done to repair vehicle tracking in the area. 10/04/06</p>	<p>-Area was seeded and mulched.</p> <p>- Gras growth was noted</p>
Dewatering	-Construction dewatering should no longer be occurring on site. 10/04/06.	-None at this time. 10/04/06.	-N/A.
Blasting	- Not applicable	- None at this time.	-N/A
Spills and Material Storage	-Construction equipment storage on site is minor. 10/04/06.	<p>In general:</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</p> <p>- Report spills to the office immediately, even if they are being controlled.</p>	-N/A
Additional Observations	-This site may be able to be removed from the inspection route in the near future. 10/04/06		

Plumtree Substation

Date: October 4, 2006

Inspector: Lee Curtis, Susan Infalt, BSC Group

Location: Plumtree Substation Expansion, Bethel

Storm/

Rain Event: According to accuweather.com, 0.45” of rain were recorded on 10/1 and 0.25” were recorded on 10/4 (Data from NOAA is still incomplete).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads	<p>-The drive is in use for equipment on this and the Plumtree to Triangle project. 10/04/06.</p> <p>-Sediment had been noted in the wetland swales adjacent to the access road. 7/5-10/04/06</p>	<p>- None at this time. 10/04/06.</p> <p>- This is likely a pre-existing condition and not directly related to the expansion work. However, if the road can be further stabilized, this may help the situation. 7/19-10/04/06</p>	<p>-N/A.</p> <p>- Needs evaluation</p>
Foundation construction	<p>- Foundation excavation related to the Plumtree to Triangle ROW Project is occurring in the southwest corner of the substation. All sediment is currently contained on site but erosion controls are needed. 10/04/06.</p> <p>- Activities occurring within the substation involve electrical testing/switching and clean up. 10/04/06.</p>	<p>- Remain aware that the perimeter of the yard is surrounded by wetlands. See erosion control section and Plumtree to Triangle report. 10/04/06.</p> <p>-None at this time. 10/04/06.</p>	<p>-N/A at this time.</p> <p>-N/A</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>- The site has been graded on an even level to the perimeter stone berm towards the rear of the site. 7/19-10/04/06</p> <p>- Stockpiles and sediment related to the Plumtree-Triangle project is currently contained on site but needs erosion controls. 10/04/06.</p> <p>-At least one stockpile</p>	<p>- The berm must remain maintained as sediment control. It may need to be built up with stone in order to filter effectively. 7/19-10/0406.</p> <p>-This is non-jurisdictional to this project but needs controls since the perimeter of the yard is surrounded by wetlands. 10/04/06.</p> <p>-Continue to monitor.</p>	<p>- Needs evaluation</p> <p>-Non jurisdictional.</p> <p>-N/A at this time.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	and some materials remain on site from previous B/N work. 9/20-10/04/06.	9/20-10/04/06.	
Inland Wetland and Watercourse encroachment and mitigation	- Wetlands are located around the outskirts of the substation yard. 10/04/06	- Maintain perimeter berm. Vegetation adjacent to the yard is thick and helps filter run-off. 10/04/06.	N/A.
State species of concern, threatened and endangered species	- The wood turtle was seen along the outside perimeter of the station the week of 5/25/06.	- Move machinery carefully and perform daily walkdowns of the site. Continue to watch carefully for the turtle. 5/25-10/04/06.	-Crews should remain aware during work.
Vegetative clearing limits (including trees to save or danger trees noted)	- No vegetation outside of the substation yard will need to be cleared during the expansion work.	- None (minor clearing for access for a separate project occurred outside of the yard in the adjacent ROW)	-N/A
Dewatering	- Active dewatering was not observed at the inspection. 10/04/06.	- If necessary, utilize methods of controlling dewatering without letting unfiltered water off-site. 10/04/06	-N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	-N/A
Spills and Material Storage	- No spills or leaks were noted. Continue to monitor machinery. 10/04/06.	- The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) - Report spills to the office immediately, even if they are being controlled.	-N/A
Additional Observations			

Next likely scheduled inspection:

Friday, October 13, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Lee Curtis, Susan Infalt, BSC Group



(Norwalk Substation): Photo shows a view of the substation yard. The grassed area near the GIS building is in good shape. 10/04/06



(Plumtree Substation): Both photos show active work, related to the Plumtree to Triangle ROW project, occurring at the southwestern corner of the substation. Both views show the excavation work and equipment storage. All sediment is currently contained on site but controls are needed. This is not jurisdictional under the Bethel to Norwalk project. 10/04/06.